

7 C
F

25X1

25X1

SUBJECT: CONTRACT PAR 215

THE STUDIES PROPOSED IN YOUR MESSAGE NO 2080 OFFER NO DEFINITE SOLUTION
TO THE TAB PROBLEM. WE ^{therefore} BELIEVE THAT THIS CAN ^{best} BE SOLVED BY SEPARATE
ACTION: ~~THEREFORE~~ WE ARE HEREBY WITHDRAWING OUR HOLD ORDER ON THE
EQUIPMENT (REFERENCE OUR MESSAGE NO. 4912 DATED 8 JULY 65) AND
REQUEST YOU PROCEED WITH DELIVERY AND INSTALLATION PLANS.
REQUEST THIS OFFICE BE FURNISHED NEW DELIVERY AND INSTALLATION DATES.

END OF MESSAGE

25X1

25X1

Prepared by (26 July 1965)

Declass Review by NGA.

FOR OFFICIAL USE ONLY

PSD/NPIC-131-65
23 July 1965

MEMORANDUM FOR: Assistant for Plans and Development

ATTENTION: Chief, Plans Branch

REFERENCE: IN-7552

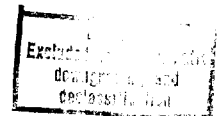
1. As decided in our meeting this afternoon, we are agreeable to have the RT 24 processor shipped as soon as the contractor can complete his work.

2. As to the further exploration of a device to attach leader materials to prints to be processed, we would suggest that we wait until some experience can be gained with the machine before proceeding further.


Chief, Production Services Division,
NPIC

25X1

FOR OFFICIAL USE ONLY



CABLES
P&DS INTERNAL USE ONLY

- (2) Assistant _____
- (1) Deputy _____
- () ~~Executive Officer~~ _____
- () ~~Chief, Plans Branch~~ seen
- () ~~Chief, EDL Branch~~ seen
- (3) Chief, Development Branch R
- (4) Please return to MET

REMARKS:

Handwritten initials

SECRET

25X1

SECRET 2021207

IN 770

ACTION COPY

3

SUBJECT: USE OF LEAD TABS ON ROLLER TRANSPORT PROCESSORS

1. ALTHOUGH MATERIALS WITH ADEQUATE NET STIFFNESS CAN BE SUCCESSFULLY TRANSPORTED AND PROCESSED IN ROLLER TRANSPORT MACHINES, THIN BASE FILMS AND MOST PAPER PRODUCTS HAVE ALWAYS REQUIRED A STIFF LEAD TAB TO INSURE PROPER HANDLING IN THE MACHINE. CONTINUING EFFORTS OVER THE PAST SEVERAL YEARS TO ELIMINATE THE NEED FOR LEAD TABS WHEN PROCESSING WEAK MATERIALS HAVE NOT BEEN SUCCESSFUL. WE DO NOT NOW HAVE A PROMISING APPROACH TO TRY AND CANNOT FORECAST WHEN AN APPROPRIATE NEW INVENTION MAY BE MADE. THE SPECIFICATIONS FOR BOTH RT-12R AND RT-24 MACHINES INDICATE THAT "CERTAIN MATERIALS MAY REQUIRE THE USE OF LEAD TABS".

2. EVEN THOUGH WE RECOGNIZED THIS PROBLEM AND THROUGHOUT THE DESIGN ATTEMPTED TO MINIMIZE IT, WE HAVE BEEN SUCCESSFUL TO DATE ONLY IN THE HANDLING OF TYPE 1594 PAPER WITHOUT LEAD TABS. THIS IS A MEDIUM WEIGHT PAPER RESIN COATED ON BOTH SIDES. IT ALSO HAS A MATTE SURFACE ON BOTH SIDES AND WE DO NOT KNOW WHETHER CHANGING TO ANOTHER SURFACE WOULD AFFECT THE TRANSPORT CHARACTERISTICS. PAPER KI 1717 WHICH IS A SINGLE WEIGHT RESIN COATED PAPER HAS BEEN TRANSPORTED WITHOUT LEAD TABS BUT NOT WITH CONSISTENT SUCCESS. THE SAME IS TRUE OF DOUBLE WEIGHT RESISTO-RAPID PAPER.

3. WHILE OTHER EMULSIONS AND/OR SURFACES COULD BE PLACED ON RESIN COATED PAPERS OF THE 1594 TYPE, FOR THE IMMEDIATE FUTURE

25X1

SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification

*BEST COPY
Available*

6/17/98

3

2-

AT LEAST THEY WOULD BE SPECIAL ORDER AND A CUSTOMER WOULD HAVE TO
PROCURE A LARGE QUANTITY OF EACH TYPE HE DESIRED. THERE WOULD
BE NO ASSURANCE THAT TRANSPORT WOULD BE CONSISTENTLY SUCCESSFUL.
FURTHERMORE, AS PREDICTED, WE COULD NOT GUARANTEE THAT EVEN EXTENSIVE
DESIGN CHANGES WOULD RESULT IN TRANSPORT WITHOUT LEAD TABS.

4. THEREFORE WE BELIEVE THAT ADDITIONAL EFFORT, IF ANY, SHOULD
BE IN THE DIRECTION OF MAKING LEAD TABS MORE PALATABLE TO THE
USER. THERE ARE POSSIBILITIES THAT WE MIGHT BE ABLE TO:

A. MECHANIZE THE ATTACHMENT OF THIS TYPE OF LEAD TAB ALREADY
DEMONSTRATED TO FUNCTION IN THE RT- WITH A VARIETY OF PAPER PRODUCTS.

B. PROVIDE A TAPE DISPENSER OF SPECIAL DESIGN TO
FACILITATE MANUAL ATTACHMENT OF THE PRESENT TAB.

C. THROUGH TESTS ON THE PRODUCTION, EVALUATE VARIATIONS
IN TAB DESIGN WHICH WOULD SIMPLIFY THE ATTACHMENT TASK AND STILL
PROVIDE SATISFACTORY MATERIAL TRANSPORT.

D. EACH OF THE ABOVE APPROACHES WOULD REQUIRE STUDY OF THE FIELD
EVID OF THE MACHINE TO DETERMINE WHAT CHANGES IN WORKPLACE DESIGN WOULD
BE APPROPRIATE IN ORDER TO SIMPLIFY AND SPEED UP THE ATTACHMENT TASK.
APPROACH C WOULD REQUIRE THAT THE MACHINE REMAIN HERE TO BE USED FOR
TESTING VARIOUS TAB DESIGNS.

E. AT THE PRESENT MOMENT WE CANNOT PREDICT WHETHER WE WILL BE
SUCCESSFUL WITH ANY OF THESE APPROACHES, NOR CAN WE ESTIMATE THE
TIME OR COST INVOLVED.

F. IF ANY OF THE APPROACHES IN PARA 4. ABOVE APPEAL TO YOU WE

3

-3-

25X1 SECRET THAT YOU AUTHORIZE [REDACTED] TO INVESTIGATE THEM.

ON COMPLETION OF THIS EXPENDITURE I WILL ISSUE A REVIEW OF THE
PROGRESS WITH CONCLUSIONS AND RECOMMENDATIONS.

SECRET

/END OF MESSAGE/